

AERO SPACE

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DEFENCE SPACE

**ONLINE
COLLABORATION**

**INDIA'S HUMAN
SPACEFLIGHT**



DEFYING GRAVITY

EVTOL SECTOR CONTINUES TO SOAR ABOVE CHALLENGES



**ROYAL
AERONAUTICAL
SOCIETY**

Blueprint

INTELLIGENCE / ANALYSIS / COMMENT

Specifications

Passengers	6
Range	80mn
Top Speed	125mph

Safety first

The Y6S Plus is set to be equipped with ballistic recovery parachute(s). The composite fuselage will also be equipped with a crashworthy cell to protect passengers.

Y-wing

The Y configuration of six motors driving three pairs of rotors saves weight and reduces complexity, yet only has a minimal effect on redundancy.

GENERAL AVIATION

EXCLUSIVE: Y6S Plus unveiled

UK urban air mobility start-up Autonomous Flight has revealed a new, highly modified version of its Y6S eVTOL – the Y6S Plus. The Y6S Plus retains the Y-configuration of three pairs of rotors of the previous design but ditches the ducted fans of the forward pair. It is also larger and sized for six people, rather than two. The company is still in the investment phase and is tight-lipped about further details and project timescales, but has exclusively shared these renders (including the front cover) of the Y6S Plus with *AEROSPACE*.



Single pilot

The Y6S Plus will be operated by a single pilot to begin with, before being developed into a fully-autonomous version to allow six passengers to be carried.

Multi-role eVTOL

The Y6S Plus is being designed from the outset to be adaptable through its structure to other roles, apart from point-to-point air taxi services, such as a cargo drone and air ambulance.